

IN THE SPECIFICATION:

Please amend the paragraph beginning at page 6, line 20 and ending at page 7, line 7, as follows.

--Here, magnetic resistance $R_g(x)$ of the air gaps between the comb teeth is given:

$$R_g(x) = \frac{d}{\mu_0 t n (x + x_0)} \quad (3)$$

, where μ_0 is vacuum magnetic permeability; d , distance of the air gap; t , thickness of the comb teeth; n , the number of gaps; x , displacement of the movable magnetic pole; and x_0 , initial overlap length. Potential energy W of the entire magnetic circuit and generated force F in the air gaps are expressed:

$$W = -\frac{1}{2} (R + 2R_g(x))^{-1} (Ni)^2 = -\frac{(Ni)^2}{2} \left(R + \frac{2d}{\mu_0 t n (x + x_0)} \right)^{-1} \quad (4)--$$